IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A computer aided diagnostic system, comprising:

a sick portion detecting device configured to detect a sick portion candidate based upon [[an]] a simple X-ray image acquired by a first modality; and

a correspondence displaying device configured to relate the position of the detected sick portion candidate on an X-ray CT image acquired by a second modality different from the first modality and to display it,

wherein the correspondence displaying device displays the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the sick portion candidate displayed on the simple X-ray image.

2. (Currently Amended) A computer aided diagnostic system, comprising:

a first sick portion detecting device configured to detect a sick portion candidate based upon [[an]] a simple X-ray image acquired by a first modality;

a second sick portion detecting device configured to detect a sick portion candidate based upon an X-ray CT image related to the same region of interest of the same subject acquired by a second modality different from the first modality; and

a detection result synthesizing device configured to compare the results of detection by the first and second sick portion detecting devices,

wherein the detection result synthesizing device compares positions of marks respectively selected based upon the sick portion candidates respectively displayed on the simple X-ray image and on the X-ray CT image of an axial face.

3. (Currently Amended) A computer aided diagnostic system according to Claim [[1]] 2, comprising:

a correspondence displaying device configured to relate the position of a sick portion candidate detected by the first sick portion detecting device on an image analyzed by the second sick portion detecting device and to display it, at the same time, ~~for relating~~ to relate the position of a sick portion candidate detected by the second sick portion detecting device on an image analyzed by the first sick portion detecting device and to display it.

4. (Previously Presented) A computer aided diagnostic system according to Claim 2, comprising:

a correspondence displaying device configured to display the following portion so that the portion can be identified in case the detection result synthesizing device judges that there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting device.

5. (Original) A computer aided diagnostic system according to Claim 1, wherein:

an image acquired by either of the first or second modality is an X-ray CT image; and

an image acquired by the other modality is a simple X-ray radioscopic image.

6. (Original) A computer aided diagnostic system according to Claim 2, wherein:

an image acquired by either of the first or second modality is an X-ray CT image; and

an image acquired by the other modality is a simple X-ray radioscopic image.

7. (Currently Amended) A computer aided diagnostic system, comprising:

a sick portion detecting device configured to detect a sick portion candidate based upon an X-ray CT image acquired by one modality;

an image transforming device configured to transform the image acquired by the modality; and

a correspondence displaying device configured to relate the position of the sick portion candidate detected by the sick portion detecting device on the transformed image and to display it,

wherein the correspondence displaying device displays the transformed image corresponding to a position of a mark selected based upon the sick portion candidate displayed on the X-ray CT image of an axial face.

8. (Currently Amended) A computer aided diagnostic system, comprising:

an image transforming device configured to transform an X-ray CT image acquired by one modality;

a sick portion detecting device configured to detect a sick portion candidate based upon the transformed image; and

a correspondence displaying device configured to relate the position of the sick portion candidate detected by the sick portion detecting device on the X-ray CT image acquired by the modality and to display it,

wherein the correspondence displaying device displays the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the size portion candidate displayed on the transformed image.

9. (Currently Amended) A computer aided diagnostic system, comprising:

a first sick portion detecting device configured to detect a sick portion candidate based upon an X-ray CT image acquired by one modality;

an image transforming device configured to transform the image acquired by the modality;

a second sick portion detecting device configured to detect a sick portion candidate based upon the transformed image; and

a detection result synthesizing device configured to compare the results of detection by the first and second sick portion detecting devices,

wherein the detection result synthesizing device compares positions of marks respectively selected based upon the sick portion candidates respectively displayed on the X-ray CT image of an axial face and on the transformed image.

10. (Previously Presented) A computer aided diagnostic system according to Claim 9, comprising:

a correspondence displaying device configured to relate the position of a sick portion candidate detected by the first sick portion detecting device on an image analyzed by the second sick portion detecting device and to display it, at the same time, to relate the position of a sick portion candidate detected by the second sick portion detecting device on an image analyzed by the first sick portion detecting device and to display it.

11. (Previously Presented) A computer aided diagnostic system according to Claim 9, comprising:

a correspondence displaying device configured to display the following portion so that the portion can be identified in case the detection result synthesizing device judges that

there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting device.

12. (Previously Presented) A computer aided diagnostic system according to Claim 7, wherein:

an image acquired by the modality is an X-ray CT image; and

an image generated by the image transforming device is a simple X-ray radioscopic image.

13. (Previously Presented) A computer aided diagnostic system according to Claim 8, wherein:

an image acquired by the modality is an X-ray CT image; and

an image generated by the image transforming device is a simple X-ray radioscopic image.

14. (Currently Amended) A computer aided diagnostic system, comprising:

a sick portion detecting device configured to detect a sick portion candidate based upon ~~an image~~ plural X-ray CT images acquired by a modality ~~which can sense plural tomographic images~~;

an image reconfiguring device configured to reconfigure an image based upon stereoscopic image data including the plural X-ray CT images acquired by the modality; and

a correspondence displaying device configured to relate the position of the sick portion candidate detected by the sick portion detecting device on the reconfigured image and to display it.

wherein the correspondence displaying device displays the reconfigured image corresponding to a position of a mark selected based upon the sick portion candidate displayed on the X-ray CT image of an axial face.

15. (Currently Amended) A computer aided diagnostic system, comprising:

an image reconfiguring device configured to reconfigure an image based upon stereoscopic image data acquired by a modality which can sense plural ~~tomographic~~ X-ray CT images;

a sick portion detecting device configured to detect a sick portion candidate based upon the reconfigured image; and

a correspondence displaying device configured to relate the position of the sick portion candidate detected by the sick portion detecting device on [[an]] the X-ray CT image acquired by the modality and to display it,

wherein the correspondence displaying device displays the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the sick portion candidate displayed on the reconfigured image.

16. (Currently Amended) A computer aided diagnostic system, comprising:

a first sick portion detecting device configured to detect a sick portion candidate based upon ~~an image~~ plural X-ray CT images acquired by a modality ~~which can sense plural tomographic images~~;

an image reconfiguring device configured to reconfigure an image based upon stereoscopic image data including the plural X-ray CT images acquired by the modality;

a second sick portion detecting device configured to detect a sick portion candidate based upon the reconfigured image; and

a detection result synthesizing device configured to compare the results of detection by the first and second sick portion detecting devices,

wherein the detection result synthesizing device compares positions of marks respectively selected based upon the sick portion candidates respectively displayed on the X-ray CT image of an axial face and on the reconfigured image.

17. (Previously Presented) A computer aided diagnostic system according to Claim 16, comprising:

a correspondence displaying device configured to relate the position of a sick portion candidate detected by the first sick portion detecting device on an image analyzed by the second sick portion detecting device and to display, at the same time, to relate the position of a sick portion candidate detected by the second sick portion detecting device on an image analyzed by the first sick portion detecting device and to display it.

18. (Previously Presented) A computer aided diagnostic system according to Claim 16, comprising:

a correspondence displaying device configured to display the following portion so that the portion can be identified in case the detection result synthesizing device judges that there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting device.

19. (Previously Presented) A computer aided diagnostic system according to Claim 14, wherein:

the modality is X-ray CT;

an image analyzed by the sick portion detecting device is plural axial images reconfigured by the X-ray CT; and

the image reconfiguring device generates a digitally reconstructed radiograph based upon the plural axial images.

20. (Previously Presented) A computer aided diagnostic system according to Claim 14, wherein:

the modality is X-ray CT;

an image analyzed by the sick portion detecting device is plural axial images reconfigured by the X-ray CT; and

the image reconfiguring device generates an MPR image based upon the plural axial images.

21. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon [[an]] a simple X-ray image acquired by a first modality; and

relating the position of the detected sick portion candidate on an X-ray CT image acquired by a second modality different from the first modality and displaying it[[.]],

wherein the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the sick portion candidate displayed on the simple X-ray image is displayed.

22. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon [[an]] a simple X-ray image acquired by a first modality;

detecting a sick portion candidate based upon an X-ray CT image related to the same region of interest of the same subject acquired by a second modality different from the first modality; and

comparing the results of detection at the first and second detecting,

wherein positions of marks respectively selected based upon the sick portion candidates respectively displayed on the simple X-ray image and on the X-ray CT image of an axial face are compared.

23. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon an X-ray CT image acquired by one modality;

transforming the image acquired by the modality; and

relating the position of the sick portion candidate detected on the transformed image and displaying it,

wherein the transformed image corresponding to a position of a mark selected based upon the sick portion candidate displayed on the X-ray CT image of an axial face is displayed.

24. (Currently Amended) A computer aided diagnosing method, comprising:

transforming an X-ray CT image acquired by one modality;

detecting a sick portion candidate based upon the transformed image; and

relating the position of the sick portion candidate detected at the sick portion detecting on the X-ray CT image acquired by the modality and displaying it,

wherein the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the sick portion candidate displayed on the transformed image is displayed.

25. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon an X-ray CT image acquired by one modality;

transforming the image acquired by the modality;

detecting a sick portion candidate based upon the transformed image; and

comparing the results of detection at the first and second sick portion detecting,

wherein positions of marks respectively selected based upon the sick portion candidates respectively displayed on the X-ray CT image of an axial face and on the transformed image are compared.

26. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon ~~an image~~ plural X-ray CT images acquired by a modality ~~which can sense plural tomographic images~~;

reconfiguring an image based upon stereoscopic image data including the plural X-ray CT images acquired by the modality; and

relating the position of the sick portion candidate detected at the sick portion detecting on the reconfigured image and displaying it,

wherein the reconfigured image corresponding to a position of a mark selected based upon the sick portion candidate displayed on the X-ray CT image of an axial face is displayed.

27. (Currently Amended) A computer aided diagnosing method, comprising:

reconfiguring an image based upon stereoscopic image data acquired by a modality which can sense plural ~~tomographic~~ X-ray CT images;

detecting a sick portion candidate based upon the reconfigured image; and

relating the position of the sick portion candidate detected at the sick portion detecting on [[an]] the X-ray CT image acquired by the modality and displaying it,

wherein the X-ray CT image of an axial face corresponding to a position of a mark selected based upon the sick portion candidate displayed on the reconfigured image is displayed.

28. (Currently Amended) A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon ~~an image~~ plural X-ray CT images acquired ~~bar~~ by a modality ~~which can sense plural tomographic images~~;

reconfiguring an image based upon stereoscopic image data including the plural X-ray CT images acquired by the modality;

detecting a sick portion candidate based upon the reconfigured image; and

comparing the results of detection at the first and second sick portion detecting,

wherein positions of marks respectively selected base upon the sick portion candidates respectively displayed on the X-ray CT image of an axial face and on the reconfigured image are compared.

29. (New) The computer aided diagnostic system according to Claim 2, further comprising:

a correspondence displaying device configured to cause the mark displayed when the sick portion candidate is detected on only one image among the simple X-ray image and the

X-ray CT image to be different from marks respectively displayed when the sick portion candidate is detected on both images.

30. (New) The computer aided diagnostic system according to Claim 9, further comprising:

a correspondence displaying device configured to cause the mark displayed when the sick portion candidate is detected on only one image among the X-ray CT image and the transformed image to be different from marks respectively displayed when the sick portion candidate is detected on both images.

31. (New) The computer aided diagnostic system according to Claim 16, further comprising:

a correspondence displaying device configured to cause the mark displayed when the sick portion candidate is detected on only one image among the X-ray CT image and the reconfigured image to be different from marks respectively displayed when the sick portion candidate is detected on both images.

32. (New) The computer aided diagnosing method according to Claim 22, further comprising:

displaying a mark when the sick portion candidate is detected on only one image among the simple X-ray image and the X-ray CT image that is different from marks respectively displayed when the sick portion candidate is detected on both images.

33. (New) The computer aided diagnosing method according to Claim 25, further comprising:

displaying a mark when the sick portion candidate is detected on only one image among the X-ray CT image and the transformed image that is different from marks respectively displayed when the sick portion candidate is detected on both images.

34. (New) The computer aided diagnosing method according to Claim 28, further comprising:

displaying a mark when the sick portion candidate is detected on only one image among the X-ray CT image and the reconfigured image that is different from marks respectively displayed when the sick portion candidate is detected on both images.